

IN THE SPECIFICATION

Page 11, line 6, change "as" to --not--;

line 6, delete "A post . . . arm 80.";

line 9, delete "50" and "46", and before "array" insert --the--;

line 10, delete "48";

line 12, delete "82";

IN THE CLAIMS

Please cancel and rewrite claims 5-25 as new claims 26-46 as follows:

Sub B2
26. An apparatus according to Claim 4 wherein said support means comprises a collar mounted on said shaft and said electrodes are needles in a circular array supported on said collar.

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27 27. An apparatus according to Claim *4* ~~26~~ wherein said apparatus includes a rotary switch selectively positionable for connecting alternate opposite pairs of electrodes to said pulse generator.

Sub B3
28. An apparatus according to Claim 1 wherein said support means comprises a collar mounted on said support and said electrodes are a circular array of needles supported on said collar.

29. An apparatus according to Claim 1 wherein said array of electrodes comprises a circular array of needle electrodes, and a switch assembly for selectively changing the polarity of opposing ones of said electrodes.

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~~30.~~ An apparatus according to Claim ⁷~~29~~ wherein at least one of said needle electrodes has a cannula for injecting molecules into said tissue.

31. An apparatus according to Claim 1 wherein said array of electrodes comprises a linear array of needle electrodes, and said electrodes are adjustable relative to said support means in order to adjust a depth of penetration.

32. An apparatus according to Claim 1 wherein said array of electrodes comprises a pair of spaced linear arrays of needle electrodes, and said arrays are adjustable relative to one another on said support member, and includes means for sensing a distance between said arrays.

Sub B⁴
33. An apparatus according to Claim 1 wherein said support means comprises a pair of tubular needles for inserting into selected tissue, and said electrodes are conductors insertable through said needles into said tissue.

34. An apparatus according to Claim 33 wherein said needles are removable over said electrodes.

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35. An apparatus according to Claim 1 wherein the field generator generates an electric field having a strength of between approximately 0.2 kV/cm and 20 kV/cm and between approximately one pulse and one hundred pulses for application to a tissue.

Sub B5
36. A needle electrode assembly of needle electrodes apparatus for the application of electric fields to a selected portion of a living body, comprising:

a first combination needle electrode for insertion into selected tissue for injecting molecules into said tissue and for functioning as a first electrode;

a second combination needle electrode for insertion into selected tissue for functioning as a second electrode; and

means for connecting said needle electrodes to an electric pulse generator for applying pulses of high amplitude electric signals to the electrodes proportionate to the distance between said electrodes for *in vivo* electroporation of cells between said electrodes.

37. An apparatus according to Claim 36 wherein said first and second needle electrodes comprises a pair of tubular needles for inserting into selected tissue, and said electrodes are separable conductors insertable through said needles into said tissue.

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38. An apparatus according to Claim 37 wherein said needles are removable over said electrodes. 12

43. An apparatus according to Claim 42 wherein said needles are removable over said electrodes.

¹⁸
~~44.~~ An apparatus according to Claim ¹⁵~~41~~ further comprising switch means selectively positionable for connecting alternate opposite pairs of electrodes to said pulse generator.

45. An apparatus according to Claim 44 wherein said array of electrodes comprises support means, and said pair of needle electrodes are adjustably mounted on said support means, and said pair of needle electrodes are adjustable relative to one another on said support member.

46. An apparatus according to Claim 41 wherein said array of electrodes comprises support means, and said pair of needle electrodes are adjustably mounted on said support means, and said pair of needle electrodes are adjustable relative to one another on said support member, and includes means for sensing a distance between said arrays.

RESTRICTION

In response to the restriction requirement, Applicant elects the invention of Class I.

The claims to the invention of class II have been cancelled in favor of claims in co-pending C.I.P. application S.N. 08/357,265.